

Title (en)

Architecture and method for providing interactive broadband products and services using existing telephone plant

Title (de)

Architektur und Verfahren zur Bereitstellung von interaktiven breitbandigen Produkten und Diensten unter Verwendung einer vorhandenen Telefonvermittlungsanlage

Title (fr)

Architecture et méthode pour fournir des produits et services interactifs à large bande en utilisant un central téléphonique disponible

Publication

**EP 1173018 B1 20110209 (EN)**

Application

**EP 01125947 A 19961210**

Priority

- EP 96119760 A 19961210
- US 57230195 A 19951214

Abstract (en)

[origin: EP0779739A2] An architecture for providing interactive broadband products and services uses existing cable and telephone plant. The architecture includes a central office switch in communication with a head-end server and a Customer Premises Equipment (CPE) device such as, for example, a modem emulator, data terminal, set-top terminal or personal computer. The CPE device is provided in communication with the head-end server via cable plant for downstream broadcasts and is further provided in communication with a central office switch via telephone plant for upstream signaling and downstream control messages. <IMAGE>

IPC 8 full level

**H04N 7/16** (2006.01); **H04N 7/173** (2006.01); **H04N 21/234** (2011.01); **H04N 21/61** (2011.01); **H04N 21/6332** (2011.01); **H04N 21/6405** (2011.01); **H04Q 11/04** (2006.01)

CPC (source: EP US)

**H04N 7/165** (2013.01 - EP US); **H04N 7/17309** (2013.01 - EP US); **H04N 21/23406** (2013.01 - EP US); **H04N 21/6187** (2013.01 - EP US); **H04N 21/6332** (2013.01 - EP US); **H04N 21/6405** (2013.01 - EP US); **H04Q 11/0478** (2013.01 - EP US); **H04J 2203/0032** (2013.01 - EP US); **H04J 2203/0033** (2013.01 - EP US); **H04J 2203/0035** (2013.01 - EP US); **H04J 2203/0037** (2013.01 - EP US); **H04J 2203/0066** (2013.01 - EP US); **H04J 2203/0071** (2013.01 - EP US); **H04J 2203/0073** (2013.01 - EP US); **H04J 2203/0075** (2013.01 - EP US)

Designated contracting state (EPC)

DE ES GB NL SE

DOCDB simple family (publication)

**EP 0779739 A2 19970618**; **EP 0779739 A3 19970813**; **EP 0779739 B1 20020529**; DE 69621407 D1 20020704; DE 69621407 T2 20021107; DE 69638331 D1 20110324; EP 1173018 A2 20020116; EP 1173018 A3 20060614; EP 1173018 B1 20110209; ES 2177711 T3 20021216; NO 965382 D0 19961213; NO 965382 L 19970616; US 5857142 A 19990105

DOCDB simple family (application)

**EP 96119760 A 19961210**; DE 69621407 T 19961210; DE 69638331 T 19961210; EP 01125947 A 19961210; ES 96119760 T 19961210; NO 965382 A 19961213; US 57230195 A 19951214